

# **Hydrogen Sulfide Attenuates High Fat Diet-Induced Cardiac Dysfunction via the Suppression of Endoplasmic Reticulum Stress**

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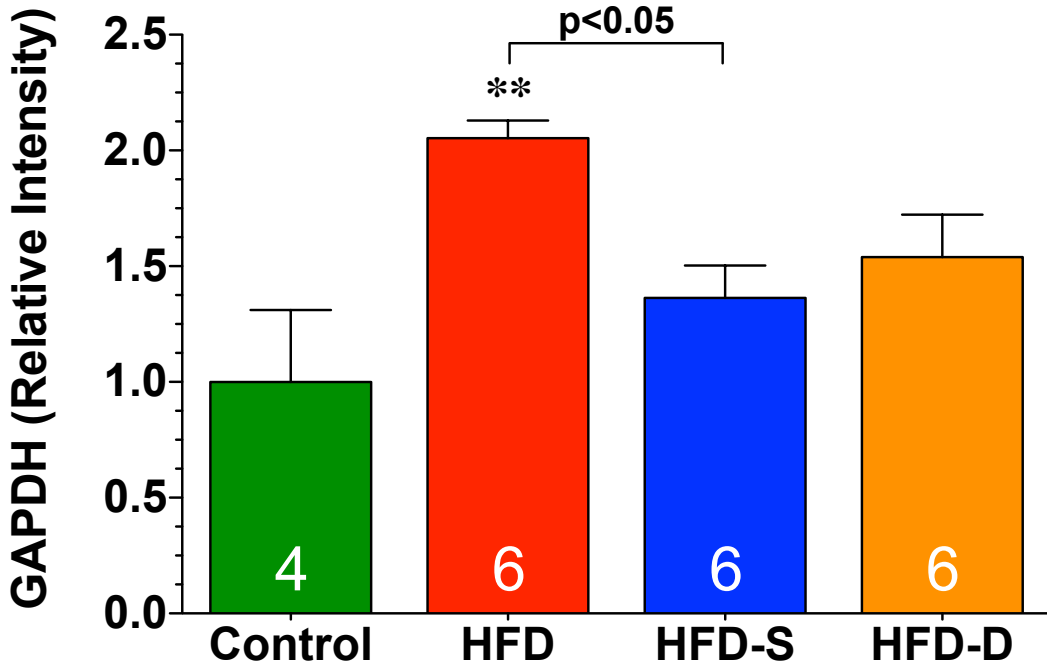
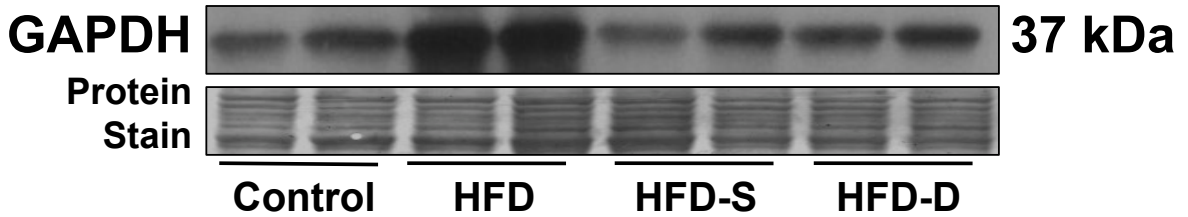
**Key Words:** diabetes; diabetic cardiomyopathy; hydrogen sulfide; ER stress

**Supplemental Figure Legend**

**Supplemental Fig 1.** Representative immunoblots and densitometric analysis of GAPDH. All samples were collected from the hearts of control, HFD, HFD-S, and HFD-D mice following 24 weeks of HFD feeding. Results are expressed as mean  $\pm$  SEM. \*\* $p < 0.01$  vs. Control.

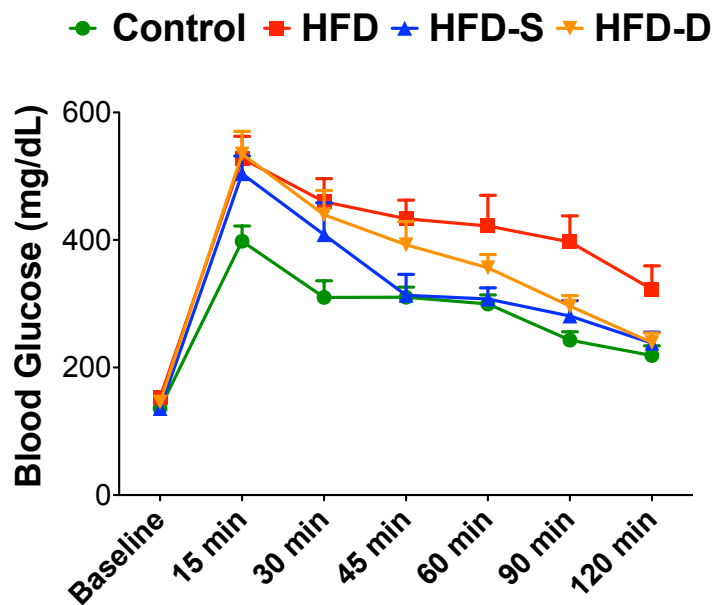
**Supplemental Fig 2.** Intraperitoneal glucose tolerance (A) and area-under the curve analysis of glucose tolerance test (B) in control, HFD, HFD-S, and HFD-D mice following 24 weeks of HFD feeding. Results are expressed as mean  $\pm$  SEM. \* $p < 0.05$  and \*\*\* $p < 0.001$  vs. Control.

# Supplemental Figure 1



## Supplemental Figure 2

### A.



### B.

